

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

37-088-32
PADUCAH QUADRANGLE
2 ILL. - 80 KY.
#3700-W8830/15
DIAGRAM NJ 16-7
PADUCAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Massac & Pope Counties, ILL.
Livingston & McCracken Counties, KY.

Only the permanent marks
are listed for lines
run more than 25 years
before edition date

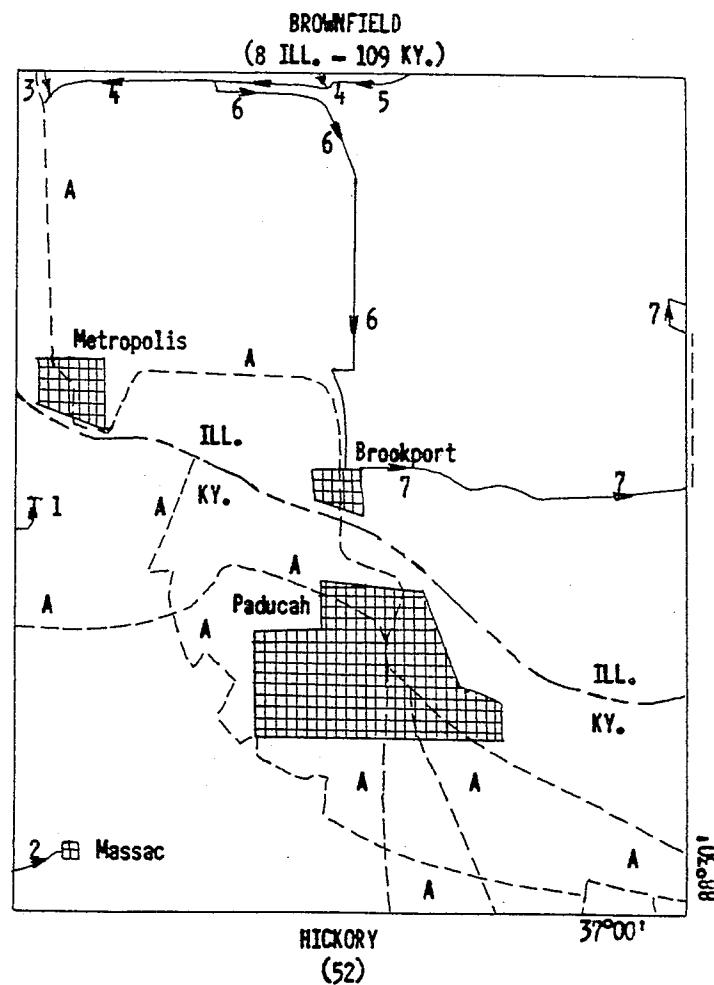
Final adjustment of 1965

Edition of 3/14/74

PR: LB/mjh

LA CENTER
(81 KY. - 3 ILL.)

SMITHLAND
(1 ILL. - 79 KY.)



NGS (USCGS) VERTICAL CONTROL DATA

A. Quadrangle 370863

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
384	3	30 WPR 1966	6
410	3	31 WPR 1966	6
PTS NO 7 1913 RESET 1966	5,6,6	34 WPR 1966 574	8
PTS NO 8 1913 396 ILL	5		
PTS NO 115 F 1925 346	3	<u>TVA</u>	
PTS NO 116 F 1925 345	3		
PTS NO 117 F 1925 349	7	94 EZD 1952 RESET 1966	8
PTS NO 118 F 1925 321	4	97 EZD 1952	7
PTS NO 119 F 1925 329	4		
PTS NO 124 F 1925 360	4	<u>NGS</u>	
PTS NO 125 F 1925 431	4		
PTS NO 51 M 1926	3	MASSAC 1930	4
PTS NO 61 M 1926 H 14	3	G 112 RESET 1950	7,7
PTS NO 62 M 1926 H 18	3	SHADY 1957	7
PTS NO 63 M 1926 H 19	3	SHADY NO 1 1957	7
PTS NO 64 M 1926 H 20	3	SHADY NO 2 1957	7
PTS NO 65 M 1926 H 26	4		
PTS NO 66 M 1926 H 21	3		
PTS NO 72 M 1926 H 16	3		
14 FWK 1960 449	5,6		
15 FWK 1960 475	5		

PADUCAH QUADRANGLE

Books A9243, B2399, B2512,
B2516 and B2857

2 ILL. - 80 KY.

37-088-32

3

ISOLATED BEACH MARKS (By S. R. Archer, 1914; Book A9243; and 1926; Book B2399; E. E. Harris, 1926; Book B2512; H. S. Sonneney, 1926; Book B2516; S. L. Parker, 1928; Book B2857)

Foot

Paducah, 3.7 mi NW. of station, along Illinois Central Railroad; N. of track; 500 ft W. of RR. bridge; 75 ft W. of centerline of State Highway 358 at intersection of RR.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 62 M 1926 H 18" (Reported not found, 1958)

338.887

Maxon, 3.1 mi E. of station, along I. C. RR.; 1.2 mi SW. of Howell Field; 40 ft N. and 35 ft W. of, and 2 ft lower than centerline of rd. at intersection of N. rail of RR. tracks; 110 ft SW. of power pole; 2 ft S. of fenceline; in concrete post; standard tablet stamped "PRIM TRAV STA NO 63 M 1926 H 19" (Tied by NGS, 1947) (Reported not found, 1953)

381.154

Paducah, 3.0 mi SE. of, along U. S. Highway 60; directly opposite residence of O. Threlkeld; 30 ft S. of hwy.; 55 ft W. of service station; in concrete post; standard tablet stamped "PRIM TRAV STA NO 51 M 1926" (Reported not found, 1972)

346.510

Maxon; 132 ft S. of, and across I. C. RR. tracks from SE. corner of station; 84 ft NW. of NW. corner of concrete block house; 28 ft S. and 61 ft E. of centerline of rd. at RR. crossing; 46 ft W. of centerline of rd. at junction of driveway to house; 3 ft N. and 5 ft E. of signboard; in concrete post; standard tablet stamped "PRIM TRAV STA NO 64 M 1926 H 20" (Tied by NGS, 1947)

360.104

Maxon, 2.4 mi S. of, along I. C. RR., thence 0.8 mi SE.; 750 ft N. of residence of E. M. Wesson; on E. side of rd.; 10 ft S. and 2 ft W. of centerline of rd. at junction of fenceline SE.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 66 M 1926 H 21"

376.085

Reidland, 0.9 mi S. of school, along U. S. Highway 68; 2.6 mi NE. of Sheehan Bridge; on E. edge of Highway 68 at junction of T-rd. W.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 72 M 1926 H 16" (Reported not found, 1972)

408.091

Paducah; 260 ft SE. of I. C. RR. station; 110 ft N. and 38 ft W. of southbound track; 8 ft N. and 7 ft W. of S. end of hedge; in concrete post; standard tablet stamped "PRIM TRAV STA NO 61 M 1926 H 14" (Reported destroyed, 1972)

341.955

Round Knob, 3.4 mi SE. of, along I. C. RR.; 4.0 mi N. of Metropolis; 880 ft N. of center of section 24, T. 15 S., R. 4 E.; 440 ft S. of centerline of rd. at junction of T-rd. E.; 200 ft E. of track; on E. side of N.-S. rd. at junction of private rd. W.; at fenceline; on iron post; standard cap stamped "384"

382.837

Round Knob, 0.2 mi N. of, thence 2.9 mi E.; 0.3 mi W. of SE. corner section 32, T. 14 S., R. 5 E.; at NW. corner of crossroads; on iron post; standard cap stamped "410" (Reported not found, 1967)

409.227

Metropolis, 3.0 mi NE. of, along U. S. Highway 45; 0.3 mi E. of SW. corner section 32, T. 15 S., R. 5 E.; 20 ft N. and 30 ft E. of centerline of crossroads; in concrete post; standard tablet stamped "PRIM TRAV STA NO 115 F 1925 346" (Reported destroyed, 1940)

346.510

Brookport, 2.8 mi NW. of, along U. S. Highway 45; near NW. corner section 2, T. 16 S., R. 5 E.; 25 ft S. and 15 ft E. of crossroads; 6 ft S. of fence corner; W. of crossing of Sevenmile Creek; in concrete post; standard tablet stamped "PRIM TRAV STA NO 116 F 1925 345" (Reported destroyed, 1940)

344.041

ISOLATED BENCH MARKS (Cont'd.)Feet

Brookport, 2.6 mi N. of, along U. S. Highway 45, thence 2.9 mi E.; 2.5 mi N. of Shady Grove, thence 1.0 mi W.; near SE. corner section 31, T. 15 S., R. 6 E.; at offset crossroads; 20 ft N. and 20 ft W. of centerline of rd. at junction of T-rd. N.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 124 F 1925 360" (Reported not found, 1967)

359.901

Unionville, 2.5 mi N. of, thence 1.0 mi E.; near NE. corner section 3, T. 16 S., R. 6 E.; 25 ft S. and 30 ft W. of crossroads; in fenceline corner; in concrete post; standard tablet stamped "PRIM TRAV STA NO 125 F 1925 431"

430.053

Unionville, 2.5 mi SW. of, thence 0.2 mi W., thence 0.2 mi S.; 0.2 mi S. of $\frac{1}{2}$ corner between sections 28, and 29, T. 16 S., R. 6 E.; 700 ft S. of concrete bridge over Kinneman Lake; 20 ft S. and 15 ft E. of centerline of rd. at junction of T-rd. E.; 8 ft S. of S. gatepost; in concrete post; standard tablet stamped "PRIM TRAV STA NO 118 F 1925 321" (Reported not found, 1958)

320.994

Unionville, 2.5 mi SW. of, thence 0.2 mi W., thence 0.2 mi S., thence 2.9 mi SE.; about 800 ft N. of S. $\frac{1}{2}$ corner section 35, T. 16 S., R. 6 E.; 30 ft N. and 210 ft W. of centerline of rd. at junction of T-rd. S. to Ohio River; 45 ft S. and 30 ft W. of SW. corner of house on N. side of rd.; at SE. corner of barn lot; in concrete post; standard tablet stamped "PRIM TRAV STA NO 119 F 1925 329"

328.551

LINE 1.

By T. H. Williams, 1953; Book AV 2016

Maxon, 2.4 mi N. of, along I. C. RR.; 0.3 mi N. of Chiles spur; 1.5 mi S. of RR. bridge over Ohio River; 20 ft S. and 45 ft E. of centerline of rd. at RR. crossing; in concrete post; standard tablet stamped "PRIM TRAV STA NO 65 M 1926 H 26" (Reported not found, 1972)

363.574

Reference mark; 102 ft S. of tablet; 120 ft S. of old rd. at RR. crossing; in base of telephone pole; rail spike

366.25

LINE 2.

By T. H. Williams, 1953; Book AV 2016

U. E., Massac, 0.4 mi W. of; 18 ft N. and 36 ft W. of, and 2 ft lower than centerline of rd. at junction of T-rd. NW.; on concrete headwall of culvert; chiseled square

414.75

Massac; about 750 ft S. of crossroads; on property of Mrs. Eugene Overstreet; 27 ft SW. of centerline of rd. opposite barn; 44 ft NW. of 30-in. oak tree; 16 ft E. of SE. corner of barn; in concrete post; NGS standard triangulation station disk stamped "MASSAC 1930"

479.464

1960

LINE 3.

By F. W. Krueger, 1960; Book CV 1188

U. E., Round Knob, 0.2 mi N. of; 18 ft S. of, and 1 ft lower than centerline of rd. at drain crossing; on S. end of 60-in. concrete pipe culvert; chiseled square

356.57

Round Knob; 56 ft N. and 20 ft E. of centerline of crossroads; 5 ft S. and 7 ft W. of NW. corner of house; 2 ft W. of W. edge of sidewalk; on iron post; standard cap stamped "PRIM TRAV STA NO 8 1913 396 ILL"

395.298

LINE 4.

By F. W. Krueger, 1960; Book CV 1188

Round Knob, 5.5 mi E. of, Brookport, 7.5 mi N. and 0.5 mi W. of; in NW. 1/4 section 2, T. 15 S., R. 5 E.; about 900 ft S. of crossroads; 53 ft S.; 27 ft W. and 0.7 ft lower than centerline of N.-S. rd. at drive W.; 7 ft NE. of power pole; on iron post; standard cap stamped "PRIM TRAV STA NO 7 1913 RESET 1966"

563.148

Reference mark; 870 ft N. of iron post; 23 ft N. and 23 ft W. of centerline of crossroads; on W. end of concrete pipe culvert; chiseled square

561.75

U. E., Round Knob, 0.2 mi N. of, thence 4.7 mi E.; 20 ft N. of, and 3 ft lower than centerline of rd. at drain; on N. end of concrete pipe culvert; chiseled square

485.86

Round Knob, 0.2 mi N. of, thence 3.8 mi E.; near 1/4 corner between sections 4 and 33, Tps. 14 and 15 S., R. 5 E.; 26 ft S. and 76 ft W. of, and 2 ft higher than centerline of rd. at junction of projected T-rd. N.; 2 ft S. of S. right-of-way fence; in concrete post; standard tablet stamped "14 FWK 1960 449"

448.247

Reference mark; 100 ft W. of tablet; 17 ft S. of centerline of rd. at drain crossing; on S. end of concrete pipe culvert; chiseled square

446.55

U. E., Round Knob, 0.2 mi N. of, thence 3.4 mi E.; 12 ft S. and 31 ft E. of, and 0.5 ft lower than centerline of crossroads; on S. concrete headwall of culvert; chiseled square

408.77

U. E., Round Knob, 0.2 mi N. of, thence 2.3 mi E.; 27 ft N. of, and 3 ft lower than centerline of rd. at drain crossing; on N. end of easternmost of two concrete pipe culverts; chiseled square

422.73

Round Knob, 0.2 mi N. of, thence 1.3 mi E.; near corner sections 1, 6, 31 and 36, Tps. 14 and 15 S., Rs. 4 and 5 E.; 29 ft S. and 53 ft E. of, and 0.2 ft lower than centerline of crossroads; 2 ft S. of S. right-of-way fence; in concrete post; standard tablet stamped "15 FWK 1960 475"

474.781

Reference mark; 80 ft N. of tablet; 52 ft N. and 55 ft E. of centerline of crossroads; on concrete right-of-way marker; chiseled square

475.71

U. E., chiseled square (Described in line 3)

356.57

1960

LINE 5.Foot

By F. W. Krueger, 1960; Book CV 1188

U. E., Midway, 0.7 mi N. of, thence 1.8 mi E.; 30 ft N. and 15 ft E. of, and 1 ft higher than centerline of rd. at junction of T-rd. W.; in W. side of power pole; rail spike

584.57

U. E., Midway, 0.7 mi N. of, thence 1.0 mi E.; 22 ft S. of, and 1 ft higher than centerline of rd. at fenceline S.; in N. side of heavy fence corner post; rail spike

571.30

"PRIM TRAV STA NO 7 1913 RESET 1966" (Described in line 4)

563.148

LINE 6.

By W. P. Repp, 1966; Book CV 2000

"14 FWK 1960 449" (Described in line 4)

448.247

U. E., Round Knob, 4.7 mi E. of; 20 ft N. of E.-W. rd. at culvert; on N. end of a 24-in. concrete pipe culvert, 2.9 ft lower than rd., 2.0 ft above drain; chiseled square

484.81

Round Knob, 5.5 mi E. of; 7.5 mi N. and 0.5 mi W. of Brookport; in NW. 1/4 section 2, T. 15 S., R. 5 E.; about 900 ft S. of crossroads; 53 ft S. and 27 ft W. of, and 0.7 ft lower than centerline of N.-S. rd. at drive W.; 7 ft NE. of power pole; on iron post; standard cap stamped "PRIM TRAV STA NO 7 1913 RESET 1966" (Also in lines 4 and 5)

563.148

Reference mark, 900 ft N. of tablet; 23 ft N. and 23 ft W. of crossroads; on W. end of an 18-in. concrete culvert; chiseled square

561.67

U. E., 0.45 mi S. along rd. from tablet; 120 ft S. of Y-junction; 15 ft N. and 15 ft W. of, and 0.4 ft higher than center of N.-S. rd. at drive W. to a stone church; on 12-in. concrete culvert; 0.2 ft S. of N. end; chiseled square

548.13

U. E., 1.0 mi S. along rd. from tablet; at bridge over Barnes Creek; 18 ft S. and 12 ft E. of, and 0.5 ft higher than center of bridge; on S. end of E. concrete guard wall; chiseled square

458.03

Brookport, 6.25 mi N. of; near corner sections 11, 12, 13 and 14, T. 15 S., R. 5 E.; 172 ft S. and 26 ft E. of, and 7.5 ft higher than center of crossroads; 2.5 ft N. of drive W.; in concrete post; standard tablet stamped "30 WPR 1966"

523.710

Reference mark, 145 ft S. of tablet; 27 ft S. and 37 ft E. of center of crossroads; on 18-in. concrete culvert; 0.9 ft W. of E. end; chiseled square

508.75

U. E., 0.85 mi S. of tablet; 40 ft S. and 20 ft E. of, and 5.4 ft lower than center of N.-S. rd. at drive W. to farm building; 390 ft N. of drive E.; on 20-in. concrete culvert; 0.4 ft W. of E. end; a chiseled square

439.77

U. E., 2.0 mi S. of tablet; 23 ft S. and 18 ft E. of, and 1.1 ft lower than center of crossroads on 24-in. concrete culvert; 0.2 ft N. of S. end; chiseled square

369.19

Brookport, 3.5 mi N. of; about 0.25 mi N. of corner sections 25, 26, 35 and 36; T. 15 S. R. 5 E.; at concrete bridge over creek; 16 ft N. and 13 ft E. of, and 0.3 ft higher than center of bridge; on NE. concrete wingwall; cemented in drill hole; standard tablet stamped "31 WPR 1966"

359.811

LINE 6 (Cont'd.)

<u>Feet</u>	
Reference mark, 0.3 mi S. of tablet; 17 ft N. and 24 ft W. of, and 1.6 ft lower than center of crossroads; on a 18-in. concrete culvert, 0.3 ft E. of W. end; chiseled square	357.57
U. E., 1.25 mi S. of tablet; 18 ft N. and 20 ft W. of, and 0.1 ft lower than center of crossroads; on 18-in. concrete culvert, 0.1 ft E. of W. end; chiseled square	380.25
U. E., 2.25 mi S. of tablet; 70 ft N. and 42 ft E. of, and 1.4 ft higher than centerline of N.-S. rd. at T-rd. E.; in W. side of 30-in. oak tree; rail spike	354.48
U. E., 3.3 mi S. of tablet; 325 ft S. and 13 ft W. of center of crossroads; at concrete bridge; on NW. concrete wingwall; chiseled square	337.96
"G 112 RESET 1950" (NGS)	338.425

LINE 7.

By W. P. Repp, 1966; Book CV 2000

"G 112 RESET 1950" (NGS) (Also in line 6)	338.425
Brookport, 1.25 mi E. of; near corner sections 7, 12, 13 and 18; T. 16 S., R. 5 and 6 E.; 30 ft N. and 225 ft W. of, and 2.1 ft lower than center of crossroads; 24 ft W. of drive N., in concrete post; TVA standard disk stamped "97 EZD 1952"	342.815
Reference mark, 207 ft E. of tablet; 22 ft N. and 18 ft W. of center of crossroads; on 18-in. concrete culvert, 0.3 ft E. of W. end; chiseled square	342.95
U. E., 1.0 mi E. of tablet; 22 ft N. and 42 ft E. of, and 1.5 ft lower than center of E.-W. rd. at T-rd S.; on 18-in. concrete culvert; 0.2 ft E. of W. end; chiseled square	341.48
Brookport, 3.35 mi E. of; 0.1 mi E. of quarter corner between sections 16 and 17; T. 16 S., R. 6 E.; 41 ft S. and 13 ft W. of center of E.-W. rd. at T-rd. S.; in concrete post flush with ground; standard tablet stamped "PRIM TRAV STA NO 117 F 1925 349"	346.911
Brookport, 3.35 mi E. of; 0.1 mi E. of corner between sections 16 and 17, T. 16 S., R. 6 E.; 78 ft N. of NE. corner of house; 63 ft E. of center of driveway; 90 ft SE. of SE. corner of barn; 40 ft N. of fence; in concrete post; NGS standard triangulation station disk stamped "SHADY 1957"	348.570
Reference mark, 87 ft SW. of station; 8 ft W. of center of driveway; 1 ft N. of N. side of small shed; in concrete post; NGS standard reference mark disk stamped "SHADY NO 1 1957"	348.576
Reference mark; 120 ft NW. of tablet; 1 ft E. of NE. corner of barn; in concrete post; NGS standard reference mark disk stamped "SHADY NO 2 1957"	347.145

LINE 7 (Cont'd.)

	<u>Feet</u>
U. E.; 2.0 mi E. of tablet; 29 ft S. and 40 ft E. of, and 2.9 ft lower than center of E.-W. rd. at T-rd. N.; on 18-in. concrete culvert; 0.4 ft E. of W. end; chiseled square	351.05
Brockport, 6.0 mi E. of; 1.0 mi S. and 4.0 mi W. of Hamletsburg; 0.25 mi W. of quarter corner between sections 13 and 14; T. 16 S., R. 6 E.; 40 ft N. and 23 ft E. of and 1.5 ft lower than center of E.-W. rd. at T-rd. S.; 68 ft SW. of SW. corner of Little Rock Christian Church; 2.6 ft E. of power pole; in concrete post; TVA standard disk stamped "94 EZD 1952 RESET 1966"	342.649
Reference mark, 83 ft SW. of tablet; 31 ft S. and 22 ft W. of center of E.-W. rd. at T-rd. S.; on an 18-in. concrete culvert; 0.2 ft E. of W. end; chiseled square	341.26
U. E., 0.25 mi E., thence 0.7 mi N. of tablet; 18 ft S. and 44 ft E. of, and level with E.-W. rd. at T-rd. S.; 45 ft W. of rd. N.; at concrete bridge; on top and center of S. concrete guard wall; chiseled square	353.57
<u>Jogs into Smithland quadrangle</u>	
U. E., 1.8 mi N. of tablet; 69 ft N. and 34 ft E. of and 2 ft lower than center of crossroads; in W. side of power pole; rail spike	529.44
Hamletsburg, 2.5 mi N. and 3.5 mi W. of; near center section 25, T. 15 S., R. 6 E.; at Massac Lookout Tower; 68 ft S. of SW. leg of tower; on concrete anchor for guy wire; in drill hole; standard tablet stamped "74 WPR 1966 574"	573.731
Reference mark, 118 ft E. of tablet; 69 ft SE. of SE. leg of Massac Lookout Tower; on SW. corner of concrete anchor for guy wire; chiseled square	571.90

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-088-32
PADUCAH QUADRANGLE
2 ILL.-80 KY.
N3700-W8830/15
DIAGRAM NJ 16-7
PADUCAH

Massac and Pope Counties, Illinois;
McCracken County, Kentucky

Edition of 1/16/78

PR: CRV/rmm

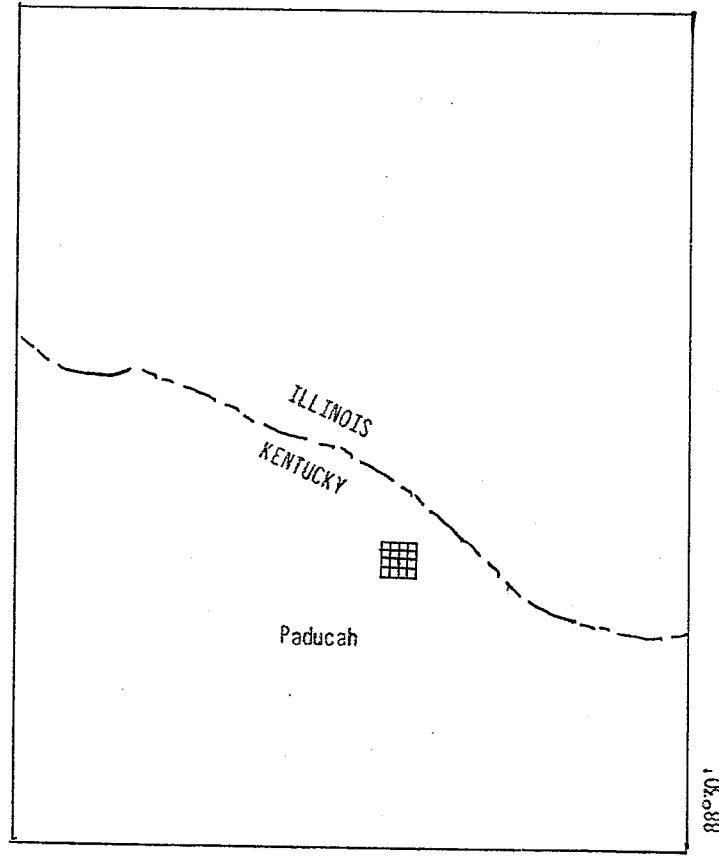
Plane coordinates are based on Lambert projection,
Kentucky, South Zone and transverse Mercator
projection, Illinois, East Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

BROWNFIELD
(109 KY.-8 ILL.)

LA CENTER
(81 KY.-3 ILL.)

SMITHLAND
(79 KY.-1 ILL.)



37°00'

HICKORY
(52)

88°30'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

2 ILL.-80 KY.
PADUCAH QUADRANGLE

37-088-32
N3700-W8830/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
PTS NO 7 1913 RESET 1966	3
PTS NO 8 1913 396 ILL	3
PTS NO 113 F 1925	3
PTS NO 114 F 1925	3
PTS NO 115 F 1925 346	3
PTS NO 116 F 1925 345	3
PTS NO 117 F 1925 349	6
PTS NO 118 F 1925 321	4
PTS NO 119 F 1925 329	4
PTS NO 124 F 1925 360	4
PTS NO 125 F 1925 431	4
PTS NO 51 M 1926	4
PTS NO 61 M 1926 H 14	5
PTS NO 62 M 1926 H 18	5
PTS NO 63 M 1926 H 19	5
PTS NO 64 M 1926 H 20	6
PTS NO 65 M 1926 H 26	5
PTS NO 66 M 1926 H 21	5
PTS NO 72 M 1926 H 16	5
TT 14 CAG 1953	6
TT 15 CAG 1953	6
TT 16 CAG 1953	6
TT 17 CAG 1953	6
TT 18 CAG 1953	6
<u>USED</u>	
BM 3	4
BM 4	3

2 ILL.-KY.
PADUCAH QUADRANGLE

37-088-32

3

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By C. B. Kendall, 1913; Book A2769

Round Knob, 5.5 mi E. of, Brookport, 7.5 mi N. and 0.5 mi W. of, in NW. 1/4 sec. 2, T. 15 S., R. 5 E.; about 900 ft S. of crossroads; 53 ft S., 27 ft W. and 0.7 ft lower than centerline of N.-S. rd. at drive W.; 7 ft NE. of power pole; on iron post; standard cap stamped "PRIM TRAV STA NO 7 1913 RESET 1966"

HORIZONTAL POSITION LOST

Round Knob; 56 ft N. and 20 ft E. of centerline of crossroads; 5 ft S. and 7 ft W. of NW. corner of house; 2 ft W. of W. edge of sidewalk; on iron post; standard cap stamped "PRIM TRAV STA NO 8 1913 396 ILL"

Ky. S.) X = 1,130,764 Y = 346,560 37 14 50.91 88 44 12.46

By C. R. Fisher, 1925; Book C7281

Metropolis, 4.2 mi NW. of; 20 ft S. and 20 ft W. of junction of I-rd. E.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 113 F 1925" (Not found, 1967)

X = 1,127,421 Y = 332,614 37 12 32.04 88 44 48.32

Metropolis, 1.5 mi NW. of; 45 ft N. and 30 ft W. of junction of I-rd. N.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 114 F 1925"

X = 1,126,799 Y = 318,439 37 10 11.75 88 44 50.44

Metropolis; 90 ft SW. of Illinois Central Railroad station; 60 ft S. of centerline of track; on W. side of street between sidewalk and curb; on iron pipe; USED standard cap designated "SM 4"

X = 1,130,487 Y = 309,888 37 08 48.40 88 44 01.56

Metropolis, 3.0 mi NE. of, along U. S. Highway 45; 0.3 mi E. of SW. corner sec. 32, T. 15 S., R. 5 E.; 20 ft N. and 30 ft E. of centerline of crossroads; in concrete post; standard tablet stamped "PRIM TRAV STA NO 115 F 1925 346" (Reported destroyed, 1940)

X = 1,143,265 Y = 314,887 37 09 41.76 88 41 25.73

Brookport, 2.8 mi NW. of, along U. S. Highway 45; near NW. corner sec. 2, T. 16 S., R. 5 E.; 25 ft S. and 15 ft E. of crossroads; 6 ft S. of fence corner; W. of crossing of Sevenmile Creek; in concrete post; standard tablet stamped "PRIM TRAV STA NO 116 F 1925 345"

X = 1,158,063 Y = 313,919 37 09 36.71 88 38 22.64

2 ILL.-80 KY.
PADUCAH QUADRANGLE

37-088-32

4

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° , "	° , "

OBSOLETE MARKS (Cont'd.)

Brookport; 0.2 mi downstream from hwy. bridge over Ohio River; at old ferry landing; 45 ft S. of intersection of First and Water Streets; in middle of block; on iron pipe; USED standard cap designated "BM 3"

Ky., S.) X = 1,160,475 Y = 299,890 37 07 18.79 88 37 47.57

Unionville, 2.5 mi SW. of, thence 0.2 mi W., thence 0.2 mi S.; 0.2 mi S. of 1/4 cor. between secs. 28 and 29, T. 16 S., R. 6 E.; 700 ft S. of concrete bridge over Kinneman Lake; 20 ft S. and 15 ft E. of centerline of rd. at junction of I-rd. E.; 8 ft S. of S. gatepost; in concrete post; standard tablet stamped "PRIM TRAV STA NO 118 F 1925 321" (Not found, 1958)

X = 1,178,698 Y = 287,361 37 05 20.39 88 33 58.06

Unionville, 2.5 mi SW. of, thence 0.2 mi W., thence 0.2 mi S., thence 2.9 mi SE.; about 800 ft N. of S. 1/4 cor. sec. 35, T. 16 S., R. 6 E.; 30 ft N. and 210 ft W. of centerline of rd. at junction of I-rd. S. to Ohio River; 45 ft S. and 30 ft W. of SW. corner of house on N. side of rd.; at SE. corner of barn lot; in concrete post; standard tablet stamped "PRIM TRAV STA NO 119 F 1925 329"

X = 1,175,769 Y = 281,694 37 04 23.51 88 31 14.23

By C. R. Fisher, 1925; Book C7285

Brookport, 2.6 mi N. of, along U. S. Highway 45, thence 2.9 mi E.; 2.5 mi N. of Shady Grove, thence 1.0 mi W.; near SE. corner sec. 31, T. 15 S., R. 6 E.; at offset crossroads; 20 ft N. and 20 ft W. of centerline of rd. at junction of I-rd. N.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 124 F 1925 360" (Not found, 1967)

X = 1,173,962 Y = 313,200 37 09 34.37 88 35 06.05

Unionville, 2.5 mi N. of, thence 1.0 mi E.; near NE. cor. sec. 3, T. 16 S., R. 6 E.; 25 ft S. and 30 ft W. of crossroads; in fenceline corner; in concrete post; standard tablet stamped "PRIM TRAV STA NO 125 F 1925 431"

X = 1,190,214 Y = 312,575 37 09 32.96 88 31 45.14

By S. H. Moyers, 1926; Book C7825

Paducah, 3.0 mi SE. of, along U. S. Highway 60; directly opposite residence of O. Threlkeld; 30 ft S. of centerline of hwy.; 55 ft W. of service station; in concrete post; standard tablet stamped "PRIM TRAV STA NO 51 M 1926" (Reported disturbed, 1932) Reported Not found, 1972

X = 1,183,104 Y = 271,152 37 02 41.48 88 32 57.77

2 ILL.-80 KY.
PADUCAH QUADRANGLE

37-088-32

5

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBSOLETE MARKS (Cont'd.)

By S. H. Moyers, 1926; Books C7826-29

Paducah; 260 ft SE. of I.C. RR. station; 110 ft N. and 38 ft W. of southbound track; 8 ft N. and 7 ft W. of S. end of hedge; in concrete post; standard tablet stamped "PRIM TRAV STA NO 61 M 1926 H 14" (Not found, 1958)

Ky. S.) X = 1,168,344 Y = 279,114 37 03 55.81 88 36 02.72

Paducah, 3.7 mi NW. of station, along I. C. RR.; N. of track; 500 ft W. of RR. bridge; 75 ft W. of centerline of State Highway 358 at intersection of RR.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 62 M 1926 H 18" (Not found, 1958)

X = 1,157,312 Y = 290,147 37 05 41.54 88 38 22.93

Maxon, 3.1 mi E. of station, along I. C. RR.; 1.2 mi SW. of Howell Field; 40 ft N. and 35 ft W. of, and 2 ft lower than centerline of rd. at intersection of N. rail of RR. tracks; 110 ft SW. of power pole; 2 ft S. of fenceline; in concrete post; standard tablet stamped "PRIM TRAV STA NO 63 M 1926 H 19" (Not found, 1953)

X = 1,141,861 Y = 288,146 37 05 17.05 88 41 32.78

Maxon, 2.4 mi N. of, along I. C. RR.; 0.3 mi N. of Chiles spur; 1.5 mi S. of RR. bridge over Ohio River; 20 ft S. and 45 ft E. of centerline of rd. at RR. crossing; in concrete post; standard tablet stamped "PRIM TRAV STA NO 65 M 1926 H 26" (Not found, 1972)

X = 1,125,802 Y = 299,529 37 07 04.55 88 44 55.34

By S. H. Moyers, 1926; Books C7832-33

Maxon, 2.4 mi S. of, along I. C. RR., thence 0.8 mi SE.; 750 ft N. of residence of E. M. Wesson; on E. side of rd.; 10 ft S. and 2 ft W. of centerline of rd. at junction of fenceline SE.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 66 M 1926 H 21"

X = 1,127,717 Y = 271,631 37 02 29.44 88 44 20.81

Reidland, 0.9 mi S. of school, along U. S. Highway 68; 2.6 mi NE. of Sheehan Bridge; on E. edge of Highway 68 at junction of I-rd. W.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 72 M 1926 H 16" (Not found, 1958)

X = 1,188,111 Y = 257,051 37 00 23.57 88 31 50.92

2 ILL.-80 KV.
PADUCAH QUADRANGLE

37-088-32
6

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° , "	° , "

OBSOLETE MARKS (Cont'd.)

By C. A. Gridley, 1953; Book AH 2010

Metropolis, 1.5 mi NW. of, along U. S. Highway 45, thence 1.5 mi N.; 18 ft S. and 33 ft W. of crossroads; in concrete post; standard tablet stamped "TT 14 CAG 1953"

X. S.) X = 1,132,324 Y = 325,953 37 11 27.73 88 43 45.14

Metropolis, 1.5 mi NW. of, along U. S. Highway 45, thence 1.0 mi N.; 36 ft N. and 36 ft W. of junction of rd. at entrance to airport; in concrete post; standard tablet stamped "TT 15 CAG 1953" (Reported destroyed, 1967)

X = 1,127,038 Y = 324,050 37 11 07.28 88 44 49.70

Metropolis, 0.8 mi NW. of, along U. S. Highway 45 to I. C. RR. underpass; 39 ft S. and 19 ft E. of centerline of hwy. and RR.; in S. curb; standard tablet stamped "TT 16 CAG 1953"

X = 1,129,892 Y = 314,743 37 09 36.19 88 44 10.81

Paducah, 0.5 mi W. of, along Broadway, thence 0.5 mi N. along U. S. Highway 45; 25 ft N. and 30 ft W. of junction of street NE.; in concrete curb; standard tablet stamped "TT 17 CAG 1953"

X = 1,158,330 Y = 284,850 37 04 49.49 88 38 08.37

Paducah, 0.5 mi W. of, along Broadway, thence 1.7 mi N. along U. S. Highway 45; 300 ft N. and 35 ft E. of centerline of hwy. at crossing of RR. track; 25 ft N. of fence corner; 4 ft W. of fence; in concrete post; standard tablet stamped "TT 18 CAG 1953"

X = 1,159,949 Y = 290,723 37 05 48.02 88 37 50.61

MARKS TIED BY NGS

By C. R. Fisher, 1925; Book C7281

Shady Grove, 0.1 mi S. of, thence 0.1 mi E.; 0.9 mi W. of Unionville; 630 ft E. of W. 1/4 cor. sec. 16, T. 16 S., R. 6 E.; 35 ft S. and 12 ft W. of centerline of rd. at junction of T-rd. S.; 20 ft S. of fenceline corner; in concrete post; standard tablet stamped "PRIM TRAV STA NO 117 F 1925 349"

X = 1,179,587.68 Y = 299,441.61 37 07 20.049 88 33 51.522

By S. H. Moyers, 1926; Books C7826-29

Maxon; 132 ft S. of, and across I. C. RR. tracks from SE. corner of station; 84 ft NW. of NW. corner of concrete block house; 28 ft S. and 61 ft E. of centerline of rd. at RR. crossing; 46 ft W. of centerline of rd. at junction of driveway to house; 3 ft N. and 5 ft E. of signboard; in concrete post; standard tablet stamped "PRIM TRAV STA NO 64 M 1926 H 20"

X = 1,125,494 Y = 286,761 37 04 58.27 88 44 54.14

2 ILL.-80 KY.
PADUCAH QUADRANGLE

**MAP CONTROL
NOT FOR DISTRIBUTION**

37-088-32
1 of 2

SUPPLEMENTAL

By R. W. Sidie, 1965; Book CH 2064

O. NGS triangulation Station "COPEY 1930"

Ky. S.) X = 1,141,630.51 Y = 326,346.16 37 11 34.511 88 41 50.331

O. NGS standard triangulation station "FAIR 1957"

X = 1,136,605.48 Y = 310,954.39 37 09 00.84 88 42 46.44

O&. Center of rd. junction at Massac County Fairgrounds

X = 1,136,755 Y = 310,892 37 09 00.26 88 42 44.56

O. NGS standard triangulation station "SHADY 1957"

X = 1,179,609.04 Y = 299,637.42 37 07 21.99 88 33 51.33

O&. Corner of fences W.-S.

X = 1,179,537 Y = 299,641 37 07 22.00 88 33 52.22

O&&. SE. corner of large barn

X = 1,179,542 Y = 299,697 37 07 22.55 88 33 52.17

O. NGS standard triangulation station "WICKERS 1930"

X = 1,192,109.80 Y = 318,788.34 37 10 34.924 88 31 23.983

O&. Center of T-rd. N.

X = 1,191,960 Y = 318,582 37 10 32.84 88 31 25.75

O. NGS standard triangulation station "BROOKPORT MUNICIPAL WATER TANK"

X = 1,160,976.03 Y = 300,473.44 37 07 24.703 88 37 41.610

O&. Base of SW. leg of M.W.T.

X = 1,160,961 Y = 300,459 37 07 24.55 88 37 41.79

O&&. Center of propane tank

X = 1,160,976 Y = 300,432 37 07 24.29 88 37 41.59

2 ILL.-80 KY.
PADUCAH QUADRANGLE

MAP CONTROL
NOT FOR DISTRIBUTION

37-088-32
2 of 2

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° ' "	° ' "

OBsolete MARKS (Cont'd.)

0&&. Center of cross-street

X, S.) X = 1,161,084 Y = 300,513 37 07 25.12 88 37 40.29

By L. B. Robison, 1965; Book CH 2062

500.=600. NGS triangulation station "SHADY 1957"

X = 1,179,609.04 Y = 299,637.42 37 07 21.99 88 33 51.33

601&. Center of T-rd. S., T. 16 S., R. 6 E., near quarter cor.
secs. 16 and 17.

X = 1,179,602 Y = 299,479 37 07 20.42 88 33 51.35

501&. Center of rd. at drive S., near center sec. 16, T. 16 S.,
R. 6 E.

X = 1,181,867 Y = 299,437 37 07 20.67 88 33 23.38

502&. Center of crossroads, at Uniontown, near quarter
corner secs. 15 and 16, T. 16 S., R. 6 E.

X = 1,184,585 Y = 299,377 37 07 20.87 88 32 59.82

504&. Center of T-rd. N. (near deep ditch S.), near quarter
cor. secs. 13 and 14, T. 16 S., R. 6 E.

X = 1,195,257 Y = 299,011 37 07 20.36 88 30 37.97

Graves County, Kentucky (Ortho)
 CH-3564
 Swift-Hale-Milaro

GPS
PP Ties

Station Description	Plane Coordinates X	Y	Latitude ° ' "	Longitude ° ' "
1& Rd @ Drive East				
	Photo 284-153		Palmersville 7 $\frac{1}{2}$ '	185 TN
KY-S	1,155,238.497	67,314.841	36 28 58.56116	88 37 24.86891
2& Centerline X-rds				
	Photo 320-119		Farmington 7 $\frac{1}{2}$ '	24 KY
KY-S	1,191,506.588	121,015.569	36 38 00.00241	88 30 20.16578
3& Centerline T-rd North				
	Photo 284-135		Cottage Grove 7 $\frac{1}{2}$ '	184 TN
KY-S	1,226,383.366	68,591.459	36 29 31.67312	88 22 54.54235
4& Rd @ Drive East				
	Photo 284-139		Dexter 7 $\frac{1}{2}$ '	51 KY
KY-S	1,232,595.102	162,417.414	36 45 00.77825	88 22 10.35884
5& Centerline T-rd South				
	Photo 284-143		Calvert City 7 $\frac{1}{2}$ '	79 KY
KY-S	1,235,401.585	254,922.765	37 00 15.89588	88 22 07.39003
6& Centerline T-rd North				
	Photo 272-11		Paducah West 7 $\frac{1}{2}$ '	80 KY
KY-S	1,129,774.497	261,895.497	37 00 53.86366	88 43 51.65722
7& Centerline T-rd North				
	Photo 268-227		Heath 7 $\frac{1}{2}$ '	81 KY
KY-S	1,091,477.313	259,526.181	37 00 18.23919	88 51 42.64327
8& Centerline T-rd SSE				
	Photo 320-121		West Plains 7 $\frac{1}{2}$ '	52 KY
KY-S	1,161,947.709	165,388.243	36 45 09.88302	88 36 39.11582
9& Centerline T-rd South				
	Photo 36-61		Water Valley 7 $\frac{1}{2}$ '	25 KY
KY-S	1,088,798.963	76,592.589	36 30 09.48626	88 51 01.64575